

10/589,782

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FILE COVERS 1907 - 11 Sep 2008 VOL 149 ISS 11

FILE LAST UPDATED: 10 Sep 2008 (20080910/ED)

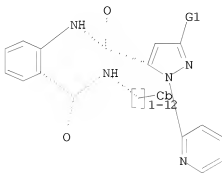
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=> d que

L1 STR



G1 X, Ak, CN, O

Structure attributes must be viewed using STN Express query preparation.

L2 727 SEA FILE=REGISTRY SSS FUL L1

L3 15 SEA FILE=CAPLUS L2

=> d l3 1-15 ibib abs hit

L3 ANSWER 1 OF 15 CAPLUS COPYRIGHT 2008 ACS ON STN

ACCESSION NUMBER: 2008:831355 CAPLUS

DOCUMENT NUMBER: 149:152831

TITLE: Process for preparation of 2-amino-5-cyanobenzamides from the corresponding 5-halo compounds using metal cyanides in the presence of cuprous salts, iodides,

and amines.

INVENTOR(S): Annis, Gary David; Bruening, Joerg; Currie, Martin
James; Dumas, Donald Joseph; Shapiro, Rafael

PATENT ASSIGNEE(S): E. I. Du Pont de Nemours and Company, USA

SOURCE: PCT Int. Appl., 63 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

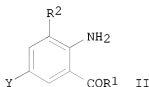
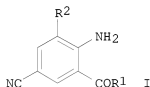
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008082502	A2	20080710	WO 2007-US25800	20071218
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PRIORITY APPLN. INFO.: US 2006-876394P P 20061221
US 2007-902465P P 20070221

OTHER SOURCE(S): CASREACT 149:152831; MARPAT 149:152831

GI



AB Title compds. (I; R₁ = NHR₃, OR₄; R₂ = Me, Cl; R₃ = H, alkyl, cyclopropyl, cyclopropylcyclopropyl, cyclopropylmethyl, methylcyclopropyl; R₄ = H, alkyl), were prepared by treatment of the corresponding halides (II; Y = Br, Cl; R₁, R₂ as above) with a metal cyanide in the presence of a Cu(I) salt, an iodide salt, and R₅HNCR₆R₇(CR₈R₉)nCR₁₀R₁₁XR₁₂ (X = NR₁₃, O; n = 0, 1; R₅, R₇, R₈, R₉, R₁₁, R₁₂ = H, alkyl; R₆, R₁₀ = H, alkyl, Ph; R₁₃ = H, Me; n = 0, 1). Thus, 2-amino-5-bromo-N,3-dimethylbenzamide (preparation given), NaCN, CuI, and N,N'-dimethylethylenediamine were heated in xylenes at 140° for 4.5 h to give 2-amino-5-cyano-N,3-dimethylbenzamide.

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(prepn of aminocyanobenzamides from the corresponding halo compds. using metal cyanides in the presence of cuprous salts, iodides, and amines)				
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RL: IMF (Industrial manufacture); PRPH (Prophetic); SPN (Synthetic preparation); PREF (Preparation)

(prepn of aminocyanobenzamides from the corresponding halo compds. using metal cyanides in the presence of cuprous salts, iodides, and amines)

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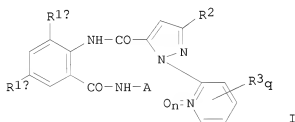
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1042429-10-6P	1042429-11-7P	1042429-12-8P	1042429-14-0P
1042429-15-1P	1042429-16-2P	1042429-19-5P	1042429-22-0P
1042429-23-1P	1042429-25-3P	1042429-27-5P	1042429-29-7P
1042429-30-0P	1042429-31-1P	1042429-32-2P	1042429-35-5P
1042429-37-7P	1042429-38-8P	1042429-39-9P	1042429-40-2P
1042429-41-3P	1042429-42-4P	1042429-43-5P	1042429-44-6P
1042429-47-9P	1042429-49-1P	1042429-50-4P	1042429-52-6P

RL: IMF (Industrial manufacture); PRPH (Prophetic); SPN (Synthetic preparation); PREP (Preparation)

(prepn of aminocyanobenzamides from the corresponding halo compds. using metal cyanides in the presence of cuprous salts, iodides, and amines)

L3 ANSWER 2 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2008:735755 CAPLUS
 DOCUMENT NUMBER: 149:47043
 TITLE: Synergistic insecticidal compositions comprising an anthranilamide derivative
 INVENTOR(S): Koyanagi, Toru; Morita, Masayuki; Yoneda, Tetsuo; Ueda, Tsuyoshi; Kiriya, Kazuhisa; Hamamoto, Taku
 PATENT ASSIGNEE(S): Ishihara Sangyo Kaisha, Ltd., Japan
 SOURCE: PCT Int. Appl., 82pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008072783	A1	20080619	WO 2007-JP74372	20071212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
PRIORITY APPLN. INFO.:			JP 2006-336585	A 20061214
OTHER SOURCE(S):			JP 2007-105029	A 20070412
GI				



AB Synergistic insecticidal and ectoparasiticide compns. contain a anthranilamide derivs. I [R1a, R1b = halo; R2, R3 = halo, alkyl, haloalkyl, alkoxy, haloalkoxy or cyano; A = alkyl substituted by Y; Y = (un)substituted C3-4 cycloalkyl; n = 0 or 1; q = 0, 1-4] and another pesticide.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 1031756-99-6 1031757-01-3 1031757-03-5
 1031757-05-7 1031757-07-9 1031757-10-4
 1031757-14-8 1031757-17-1 1031757-19-3
 1031757-21-7 1031757-23-9 1031757-26-2
 1031757-28-4 1031757-30-8 1031757-32-0

1031757-34-2 1031757-36-4 1031757-38-6
 1031757-41-1 1031757-43-3 1031757-45-5
 1031757-47-7 1031757-49-9 1031757-51-3
 1031757-54-6 1031757-56-8 1031757-58-0
 1031757-60-4 1031757-62-6 1031757-64-8
 1031757-66-0 1031757-69-3 1031757-71-7
 1031757-74-0 1031757-76-2 1031757-78-4
 1031757-80-8 1031757-82-0 1031757-84-2
 1031757-86-4 1031757-88-6 1031757-90-0
 1031757-92-2 1031757-94-4

RL: AGR (Agricultural use); BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (synergistic insecticidal compn)

IT 112410-23-8D, Tebufenozide, mixts. with anthranilamide derivs.
 112839-32-4D, Furconazole-cis, mixts. with anthranilamide derivs.
 114369-43-6D, Fenbuconazole, mixts. with anthranilamide derivs.
 115852-48-7D, Fenoxanil, mixts. with anthranilamide derivs.
 116255-48-2D, Bromuconazole, mixts. with anthranilamide derivs.
 116714-46-6D, Novaluron, mixts. with anthranilamide derivs.
 117428-22-5D, Picoxystrobin, mixts. with anthranilamide derivs.
 118134-30-8D, Spiroxamine, mixts. with anthranilamide derivs.
 119168-77-3D, Tebufenpyrad, mixts. with anthranilamide derivs.
 119446-68-3D, Difenoconazole, mixts. with anthranilamide derivs.
 119544-94-4D, Protrifenbute, mixts. with anthranilamide derivs.
 119791-41-2D, Emamectin, mixts. with anthranilamide derivs.
 120068-37-3D, Fipronil, mixts. with anthranilamide derivs. 120116-88-3D, Cyazofamid, mixts. with anthranilamide derivs. 120928-09-8D, Fenazaquin, mixts. with anthranilamide derivs. 121451-02-3D, Noviflumuron, mixts. with anthranilamide derivs. 121552-61-2D, Cyprodinil, mixts. with anthranilamide derivs. 122453-73-0D, Chlorfenapyr, mixts. with anthranilamide derivs. 123312-89-0D, Pymetrozine, mixts. with anthranilamide derivs. 124495-18-7D, Quinoxifen, mixts. with anthranilamide derivs. 125116-23-6D, Metconazole, mixts. with anthranilamide derivs. 125225-28-7D, Ipconazole, mixts. with anthranilamide derivs. 126069-54-3D, Phosphocarb, mixts. with anthranilamide derivs. 126833-17-8D, Fenhexamid, mixts. with anthranilamide derivs. 129558-76-5D, Tolfenpyrad, mixts. with anthranilamide derivs. 130000-40-7D, Thifluzamide, mixts. with anthranilamide derivs. 131341-86-1D, Fludioxonil, mixts. with anthranilamide derivs. 131807-57-3D, Famoxadone, mixts. with anthranilamide derivs. 131860-33-8D, Azoxystrobin, mixts. with anthranilamide derivs. 133855-98-8D, Epoxiconazole, mixts. with anthranilamide derivs. 134098-61-6D, Fenpyroximate, mixts. with anthranilamide derivs. 135410-20-7D, Acetamidiprid, mixts. with anthranilamide derivs. 136426-54-5D, Fluquinconazole, mixts. with anthranilamide derivs. 138261-41-3D, Imidacloprid, mixts. with anthranilamide derivs. 139920-32-4D, Diclocymet, mixts. with anthranilamide derivs. 139968-49-3D, Metaflumizone, mixts. with anthranilamide derivs. 140163-89-9D, Imicyafos, mixts. with anthranilamide derivs. 140923-17-7D, Iprovalicarb, mixts. with anthranilamide derivs. 141517-21-7D, Trifloxystrobin, mixts. with anthranilamide derivs. 143390-89-0D, Kresoximmethyl, mixts. with anthranilamide derivs. 143807-66-3D, Chromafenozide, mixts. with anthranilamide derivs. 148477-71-8D, Spirodiclofen, mixts. with anthranilamide derivs. 149508-90-7D, Sipconazole, mixts. with anthranilamide derivs. 149877-41-8D, Bifenazate, mixts. with anthranilamide derivs. 149961-52-4D, Dimoxystrobin, mixts. with anthranilamide derivs. 150824-47-8D, Nitenpyram, mixts. with anthranilamide derivs. 153233-91-1D, Etoxazole, mixts. with anthranilamide derivs. 153719-23-4D, Thiamethoxam, mixts. with

anthranilamide derivs. 155569-91-8D, Emamectin benzoate, mixts. with
 anthranilamide derivs. 156052-68-5D, Zoxamide, mixts. with
 anthranilamide derivs. 158062-67-0D, Flonicamid, mixts. with
 anthranilamide derivs. 161050-58-4D, Methoxyfenozide, mixts. with
 anthranilamide derivs. 161326-34-7D, Fenamidone, mixts. with
 anthranilamide derivs. 162650-77-3D, Ethaboxam, mixts. with
 anthranilamide derivs. 165252-70-0D, Dinotefuran, mixts. with
 anthranilamide derivs. 168316-95-8D, Spinosad, mixts. with
 anthranilamide derivs. 170015-32-4D, Flufenicarb, mixts. with
 anthranilamide derivs. 173584-44-6D, Indoxacarb, mixts. with
 anthranilamide derivs. 174212-12-5D, Oxpoconazole fumarate, mixts. with
 anthranilamide derivs. 175013-18-0D, Pyraclostrobin, mixts. with
 anthranilamide derivs. 175217-20-6D, Silthiopham, mixts. with
 anthranilamide derivs. 178928-70-6D, Prothioconazole, mixts. with
 anthranilamide derivs. 179101-81-6D, Pyridalyl, mixts. with
 anthranilamide derivs. 180409-60-3D, Cyflufenamid, mixts. with
 anthranilamide derivs. 181587-01-9D, Ethiprole, mixts. with
 anthranilamide derivs. 182916-02-5D, Metominofen, mixts. with
 anthranilamide derivs. 183675-82-3D, MTF-753, mixts. with anthranilamide
 derivs. 188425-85-6D, Boscalid, mixts. with anthranilamide derivs.
 189278-12-4D, Proquinazid, mixts. with anthranilamide derivs.
 203313-25-1D, Spirotetramat, mixts. with anthranilamide derivs.
 210880-92-5D, Clothianidin, mixts. with anthranilamide derivs.
 211867-47-9D, Flumorph, mixts. with anthranilamide derivs. 220899-03-6D,
 Metrafenone, mixts. with anthranilamide derivs. 223419-20-3D,
 Profluthrin, mixts. with anthranilamide derivs. 223580-51-6D, Tiadinil,
 mixts. with anthranilamide derivs. 229977-93-9D, Flucacrypyrim, mixts.
 with anthranilamide derivs. 240494-70-6D, ,Metofluthrin, mixts. with
 anthranilamide derivs. 248593-16-0D, Orysastobin, mixts. with
 anthranilamide derivs. 272451-65-7D, Flubendiamide, mixts. with
 anthranilamide derivs. 283594-90-1D, Spiromesifen, mixts. with
 anthranilamide derivs. 315208-17-4D, Pyrafluprole, mixts. with
 anthranilamide derivs. 337458-27-2D, Pyrifluquinazon, mixts. with
 anthranilamide derivs. 348635-87-0D, Amisulbrom, mixts. with
 anthranilamide derivs. 361377-29-9D, Fluoxastobin, mixts. with
 anthranilamide derivs. 394730-71-3D, Pyriprole, mixts. with
 anthranilamide derivs. 400882-07-7D, Cyflumetofen, mixts. with
 anthranilamide derivs. 413615-35-7D, Benthiavalicarb-, mixts. with
 anthranilamide derivs. 500008-45-7D, Chlorantraniliprole, mixts. with
 anthranilamide derivs. 560121-52-0D, Cyenopyrafen, mixts. with
 anthranilamide derivs. 863549-51-3D, Lepimectin, mixts. with
 anthranilamide derivs. 935545-74-7D, DE 175, mixts. with anthranilamide
 derivs. 937279-54-4D, HGW 86, mixts. with anthranilamide derivs.
 946494-18-4D, UBF 307, mixts. with anthranilamide derivs. 946494-19-5D,
 KIF 7767, mixts. with anthranilamide derivs. 946494-20-8D, Syngenta
 446510, mixts. with anthranilamide derivs. 1031756-98-5D, mixts.
 containing 1031757-98-8D, mixts. containing 1031758-00-5D,
 mixts. containing 1032110-39-6D, BCM 062, mixts. with anthranilamide derivs.
 1032111-18-4D, BCM 061, mixts. with anthranilamide derivs.
 1032111-42-4D, BCF 051, mixts. with anthranilamide derivs.
 RL: AGR (Agricultural use); BUU (Biological use, unclassified); BIOL
 (Biological study); USES (Uses)
 (synergistic insecticidal compns.)

L3 ANSWER 3 OF 15 CAPLUS COPYRIGHT 2008 ACS ON STN

ACCESSION NUMBER: 2008:734496 CAPLUS

DOCUMENT NUMBER: 149:79593

TITLE: Process for production of anthranilamide compound
 INVENTOR(S): Koyanagi, Toru; Yamamoto, Kazuhiro; Yoneda, Tetsuo;
 Kanbayashi, Shigehisa; Tanimura, Toyoshi; Taguchi,

PATENT ASSIGNEE(S): Yohei; Yoshida, Tatsunori
 SOURCE: Ishihara Sangyo Kaisha, Ltd., Japan
 PCT Int. Appl., 95pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008072745	A1	20080619	WO 2007-JP/4169	20071214
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

PRIORITY APPLN. INFO.:

JP 2006-339100

A 20061215

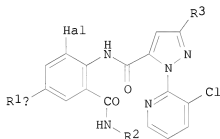
JP 2007-152718

A 20070608

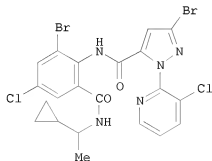
OTHER SOURCE(S):

MARPAT 149:79593

GI



I



II

AB Disclosed is a process for producing a specific anthranilamide compound or a salt thereof. Specifically disclosed is a process for producing an anthranilamide compound represented by the formula I: [wherein R1a and R3 independently represent a halogen or a haloalkyl; R2 represents a cyclopropylalkyl or a cyclobutylalkyl; and Hal represents a chlorine atom or a bromine atom] or a salt thereof, which comprises the step of selectively halogenating a compound represented by the formula I: [wherein R1a, R2 and R3 are as defined above, Hal = H]. For example, II was provided in a multi-step synthesis starting from the reaction of Et 2-furoylpyruvate with 3-chloro-2-hydrazylpyridine.

REFERENCE COUNT: 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 1621-24-5P, (1-Cyclopropylethyl)amine 51761-72-9P,
 Cyclopropylmethylketoxime 107855-32-3P 112881-69-3P 112881-76-2P

1033344-64-7P, 1-(3-Chloropyridin-2-yl)-5-(2-furyl)-1H-pyrazole-3-carboxylic acid 1033344-84-1P, 3-[(Benzyloxycarbonyl)amino]-1-(3-chloropyridin-2-yl)-1H-5-pyrazolecarboxylic acid 1033344-87-4P, 3-[(Benzyloxycarbonyl)amino]-1-(3-chloropyridin-2-yl)-5-(2-furyl)-1H-pyrazole 1033407-53-2P 1033407-55-4P 1033407-56-5P, N-[4-Chloro-2-(1-cyclopropylethylcarbamoyl)phenyl]-1-(3-chloropyridin-2-yl)-3-hydroxy-4,5-dihydro-1H-pyrazole-5-carboxamide 1033407-57-6P 1033407-58-7P, 3-Bromo-N-[4-chloro-2-(1-cyclopropylethylcarbamoyl)phenyl]-1-(3-chloropyridin-2-yl)-4,5-dihydro-1H-pyrazole-5-carboxamide 1033407-59-8P, 3-Bromo-N-[4-chloro-2-(1-cyclopropylethylcarbamoyl)phenyl]-1-(3-chloropyridin-2-yl)-1H-pyrazole-5-carboxamide 1033407-60-1P 1033407-61-2P, 2-Amino-5-chloro-N-(1-cyclopropylethyl)benzamide 1033407-63-4P 1033407-64-5P, Pentyl 3-bromo-1-(3-chloropyridin-2-yl)-4,5-dihydro-1H-pyrazole-5-carboxylate 1033407-65-6P, Pentyl 3-bromo-1-(3-chloropyridin-2-yl)-1H-pyrazole-5-carboxylate 1033407-66-7P, Phenyl 3-bromo-1-(3-chloropyridin-2-yl)-1H-pyrazole-5-carboxylate 1033407-67-8P, 2-Amino-3-bromo-5-chloro-N-(1-cyclopropylethyl)benzamide 1033407-69-0P, Ethyl 1-(3-chloropyridin-2-yl)-5-(2-furyl)-4,5-dihydro-1H-pyrazole-3-carboxylate 1033407-70-3P, 3-[(Benzyloxycarbonyl)amino]-1-(3-chloropyridin-2-yl)-1H-5-pyrazolecarboxylic acid phenyl ester 1033407-72-5P, 3-Amino-1-(3-chloropyridin-2-yl)-1H-5-pyrazolecarboxylic acid phenyl ester 1033407-73-6P, Benzyl 3-bromo-1-(3-chloropyridin-2-yl)-1H-pyrazole-5-carboxylate 1033407-75-8P 1033407-76-9P 1033407-78-1P, 5-Chloro-N-(1-cyclopropylethyl)-2-nitrobenzamide
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of anthranilamide compound)
 IT 1031756-98-5P, 3-Bromo-N-[2-bromo-4-chloro-6-[[1-(1-cyclopropylethyl)amino]carbonyl]phenyl]-1-(3-chloropyridin-2-yl)-1H-pyrazole-5-carboxamide 1033407-74-7P, 4-Methoxybenzyl 3-bromo-1-(3-chloropyridin-2-yl)-1H-pyrazole-5-carboxylate
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of anthranilamide compound)

L3 ANSWER 4 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2008:733566 CAPLUS

DOCUMENT NUMBER: 149:79590

TITLE: Process for preparation of anthranilamide compound by using novel pyrazole compound as intermediate

INVENTOR(S): Koyanagi, Toru; Hisamatsu, Akihiro

PATENT ASSIGNEE(S): Ishihara Sangyo Kaisha, Ltd., Japan

SOURCE: PCI Int. Appl., 59pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008072743	A1	20080619	WO 2007-JP74166	20071214
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,			

IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW,
 GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
 BY, KG, KZ, MD, RU, TJ, TM

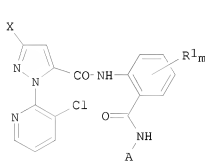
PRIORITY APPLN. INFO.:

JP 2006-339100 A 20061215
 JP 2007-128991 A 20070515
 JP 2007-137551 A 20070524

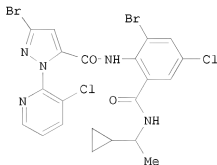
OTHER SOURCE(S):

MARPAT 149:79590

GI



I



II

AB Disclosed is a method for producing an anthranilamide compound or a salt thereof. Specifically disclosed is a method for producing an anthranilamide compound represented by the formula I [R1 = halo, alkyl, alkenyl, etc.; A = (un)substituted alkyl; X = halo; m = 0-4] or a salt thereof, which is characterized in that a compound represented by the formula I [R1, A and m are defined as above; X = NH2] is diazotized and then reacted with copper halide, copper metal or an alkyl halide. For example, II was provided in a multi-step synthesis starting from the reaction of Et 2-furoylpyruvate with 3-chloro-2-hydrazylpyridine.

REFERENCE COUNT: 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 1031756-98-5P

RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP

(Preparation)

(preparation of anthranilamide compound by using novel pyrazole compound as intermediate)

L3 ANSWER 5 OF 15 CAPLUS COPYRIGHT 2008 ACS ON STN

ACCESSION NUMBER: 2008:703045 CAPLUS

DOCUMENT NUMBER: 149:53719

TITLE: Process for preparing 2-amino-5-cyanobenzoates by treatment of 2-amino-5-halobenzoates with alkali metal nitriles in the presence of palladium phosphine catalysts.

INVENTOR(S): Bruening, Joerg; Casalnuovo, Albert Loren; Grushin, Vladimir

PATENT ASSIGNEE(S): E. I. du Pont de Nemours and Company, USA

SOURCE: PCT Int. Appl., 50pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008070158	A1	20080612	WO 2007-US25005	20071205
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
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PRIORITY APPLN. INFO.:

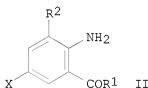
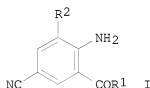
US 2006-873058P

P 20061206

OTHER SOURCE(S):

CASREACT 149:53/19; MARPAT 149:53/19

GI



AB Title compds. (I; R¹ = NHR³, OR⁴; R² = Me, Cl; R³ = H, alkyl, cyclopropyl, cyclopropylmethyl, methylcyclopropyl; R⁴ = H, alkyl; with a proviso); were prepared by treatment of (II; X = Br, Cl; other variables as above) with M1CN (M1 = alkali metal) in the presence of ≥1 ether and nitrile solvent, ≥1 palladium tertiary phosphine catalyst. Thus, 2-amino-5-bromo-N,3-dimethylbenzamide (preparation given), Zn, NaCN, and a catalyst solution prepared from tris(dibenzylideneacetone)dipalladium and tri-tert-butylphosphine were stirred together in THF for 63 h at 25° to give >99% conversion to 2-amino-5-cyano-N,3-dimethylbenzamide.

REFERENCE COUNT:

4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT	736994-59-5P	736994-60-8P	736994-61-9P	736994-62-0P	736994-63-1P
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RL: IMF (Industrial manufacture); PRPH (Prophetic); SPN (Synthetic preparation); PREP (Preparation)

(preparation of aminocyanobenzoates by treatment of aminohalobenzoates with alkali metal nitriles in the presence of palladium phosphine catalysts)

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RL: IMF (Industrial manufacture); PRPH (Prophetic); SPN (Synthetic preparation); PREP (Preparation)

(preparation of aminocyanobenzoates by treatment of aminohalobenzoates with alkali metal nitriles in the presence of palladium phosphine catalysts)

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RL: IMF (Industrial manufacture); PRPH (Prophetic); SPN (Synthetic preparation); PREP (Preparation)

(preparation of aminocyanobenzoates by treatment of aminohalobenzoates with alkali metal nitriles in the presence of palladium phosphine catalysts)

L3 ANSWER 6 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2008:673452 CAPLUS

DOCUMENT NUMBER: 149:10005

TITLE: Preparation of (heterocyclyl) N-cyanoalkylanthranilamides as insecticides and acaricides

INVENTOR(S): Muehlebach, Michel; Craig, Gerald Wayne

PATENT ASSIGNEE(S): Syngenta Participations AG, Switz.

SOURCE: PCT Int. Appl., 91pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

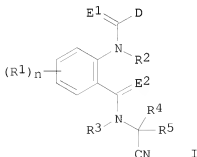
PATENT INFORMATION:

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PRIORITY APPLN. INFO.: EP 2006-24865 A 20061201

OTHER SOURCE(S): MARPAT 149:10005

GI



AB Title compds. [I; D = (substituted) Ph, pyridyl, pyrazolyl, pyrrolyl, pyridyl, pyrimidyl; n = 0-3; R1 = halo, OH, NO2, alkyl, alkenyl, alkynyl, cycloalkyl, alkylthio, cycloalkylamino, (substituted) Ph, PhCH2, PhO, etc.; R2, R3 = H, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl; E1, E2 = O, S; R4 = (substituted) alkyl, cycloalkyl; R5 = (substituted) cycloalkyl, cycloalkylalkyl], were prepared Thus, title compound (II) was prepared in 4 steps from 2-amino-5-chloro-3-methylbenzoic acid, cyclopropyl Me ketone, and 2-(3-chloropyridin-2-yl)-5-trifluoromethyl-2H-pyrazole-3-carbonyl chloride. II and other I at 200 ppm gave >80% control of *Spodoptera littoralis*.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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	1034828-66-4P	1034828-68-6P	1034828-70-0P	1034828-72-2P
	1034828-74-4P	1034828-76-6P	1034828-78-8P	1034828-80-2P
	1034828-82-4P	1034828-84-6P	1034828-86-8P	1034828-88-0P

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RL: AGR (Agricultural use); BSU (Biological study, unclassified); PRPH (Prophetic); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of (heterocyclyl) N-cyanoalkylanthranilamides as insecticides and acaricides)

IT	1034830-18-6P	1034830-20-0P	1034830-22-2P	
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	1034830-96-0P	1034830-98-2P	1034831-00-9P	1034831-02-1P
	1034831-04-3P	1034831-06-5P	1034831-08-7P	1034831-11-2P
	1034831-13-4P	1034831-16-7P	1034831-18-9P	1034831-20-3P
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RL: AGR (Agricultural use); BSU (Biological study, unclassified); PRPH
 (Prophetic); SPN (Synthetic preparation); BIOL (Biological study); PREP
 (Preparation); USES (Uses)

(preparation of (heterocyclyl) N-cyanoalkylanthranilamides as insecticides
 and acaricides)

IT 1034839-23-0P 1034839-25-2P 1034839-27-4P
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 1034839-41-2P 1034839-43-4P 1034839-45-6P
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 1034839-75-2P 1034839-77-4P 1034839-79-6P

1034839-81-0P	1034839-83-2P	1034839-85-4P	1034839-87-6P
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1034839-95-6P	1034839-97-8P	1034839-99-0P	
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RL: AGR (Agricultural use); BSU (Biological study, unclassified); PRPH

(Prophetic); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of (heterocyclyl) N-cyanoalkylanthranilamides as insecticides and acaricides)

IT 1034845-86-7P 1034845-89-0P 1034845-93-6P
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RL: AGR (Agricultural use); BSU (Biological study, unclassified); PRPH (Prophetic); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of (heterocyclyl) N-cyanoalkylanthranilamides as insecticides and acaricides)

IT 1029975-19-6P 1029975-21-0P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); PUR (Purification or recovery); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of (heterocyclyl) N-cyanoalkylanthranilamides as insecticides and acaricides)

IT 1029975-06-1P 1029975-08-3P 1029975-10-7P
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RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of (heterocyclyl) N-cyanoalkylanthranilamides as insecticides and acaricides)

L3 ANSWER 7 OF 15 CAPLUS COPYRIGHT 2008 ACS ON STN

ACCESSION NUMBER: 2008:221501 CAPLUS

DOCUMENT NUMBER: 148:231873

TITLE: Crop vigor and yield enhancement and arthropod-vectored plant disease disruption by carboxamide derivatives

INVENTOR(S): Annan, Isaac Billy; Marcon, Paula Cristina Rodrigues Gouveia; Portillo, Hector Eduardo

PATENT ASSIGNEE(S): E. I. Du Pont de Nemours and Company, USA

SOURCE: PCT Int. Appl., 23pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

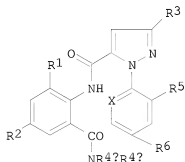
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008021152	A2	20080221	WO 2007-US17673	20070808
<p>W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW</p> <p>RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM</p>				
PRIORITY APPLN. INFO.:			US 2006-836892P	P 20060809
			US 2006-837059P	P 20060810
			US 2006-850454P	P 20061010

OTHER SOURCE(S): MARPAT 148:231873

GI



I

- AB The anthranilamide anthropodocides I (X = N, CF, CCl, CBr or Cl; R1 = Me, Cl, Br or F; R2 = H, F, Cl, Br or CN; R3 = F, Cl, Br, Cl-4 haloalkyl or haloalkoxy; R4a = H, Cl-4 alkyl cyclopropylmethyl or 1-cyclopropylethyl; R4b = H or Me; R5, R6 = H, F, Cl or Br) or their N-oxides, as well as phthalic acid derivs. (Markush given) enhance crop vigor and crop yield and disrupt infectious disease transmission by arthropod pests.
- IT 272451-65-7 438450-41-0 500008-00-4 500008-44-6 500008-45-7
 736994-60-8 736994-63-1 736995-23-6 871238-02-7
 871238-03-8 871238-04-9 882401-50-5 886583-54-6
 886583-69-3
- RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (crop vigor and yield enhancement and arthropod-vectored plant disease disruption by)

L3 ANSWER 8 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2008:91157 CAPLUS

DOCUMENT NUMBER: 148:191926

TITLE: Process for making 3-substituted 2-amino-5-halobenzamides

INVENTOR(S): Davis, Richard Frank; Shapiro, Rafael; Taylor, Eric Deguyon

PATENT ASSIGNEE(S): E. I. du Pont de Nemours and Company, USA

SOURCE: PCT Int. Appl., 38pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008010897	A2	20080124	WO 2007-0514972	20070627
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
PRIORITY APPLN. INFO.:			US 2006-831781P	P 20060719
OTHER SOURCE(S):	CASREACT 148:191926; MARPAT 148:191926			
GI				

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Disclosed is a method for preparing I (R1 = H, alkyl, cyclopropyl, cyclopropylmethyl, or methylcyclopropyl; R2 = Me or Cl; X = Cl or Br) by ring opening of II with R1-NH2 in the presence of a carboxylic acid and a method for preparing II by cyclization of III (R3 = (un)substituted alkyl or alkenyl) with phosphorus tribromide. Also disclosed is a method for preparing known insecticides IV (R4 = Cl, Br, CF3, OCF2H or OCH2CF3; Z = CR7 or N; R5 = F, Cl or Br; R6 = H, F or Cl; R7 = H, F, Cl or Br) from I.

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RL: PRPH (Prophetic); SPN (Synthetic preparation); PREP (Preparation)
 (preparation of aminoarylcarboxamides via PBr3 induced cyclization of
 carboxamidobenzoic acids followed by ring opening with alkyl amines)

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1006625-18-8P			

RL: PRPH (Prophetic); SPN (Synthetic preparation); PREP (Preparation)
 (preparation of aminoarylcarboxamides via PBr3 induced cyclization of
 carboxamidobenzoic acids followed by ring opening with alkyl amines)

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RL: PRPH (Prophetic); SPN (Synthetic preparation); PREP (Preparation)
 (preparation of aminoarylcarboxamides via PBr₃ induced cyclization of
 carboxamidobenzoic acids followed by ring opening with alkyl amines)

L3 ANSWER 9 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2007:1278752 CAPLUS

DOCUMENT NUMBER: 147:481495

TITLE: Use of carboxamide derivatives for disrupting the
 reproductive performance of arthropods

INVENTOR(S): Annan, Isaac Billy; Flexner, John Lindsey; Marcon,
 Paula Cristina Rodrigues Gouveia; Portillo, Hector
 Eduardo

PATENT ASSIGNEE(S): E. I. Du Pont De Nemours and Company, USA

SOURCE: PCT Int. Appl., 34pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2007126636	A2	20071108	WO 2007-US6929	20070320
WO 2007126636	A3	20080320		

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 CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB,

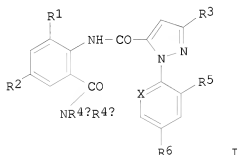
GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

AU 2007/243792 A1 20071108 AU 2007-243792 20070320
 PRIORITY APPLN. INFO.: US 2006-787753P 20060331
 WO 2007-US6929 W 20070320

OTHER SOURCE(S): MARPAT 147:481495

GI



AB The carboxamide derivs. I (X = n, CF, CCl, CBr or Cl; R1 = Me, Cl, Br or F; R2 = H, F, Cl, Br or CN; R3 = F, Cl, Br, haloalkyl or haloalkoxy; R4a = H, alkyl, cyclopropylmethyl or 1-cyclopropylethyl; R4b = H or Me; R5, R6 = H, F, Cl or Br), their N-oxides and salts.

IT 272451-65-7 438450-41-0 500008-00-4 500008-44-6 500008-45-7
 736994-60-8 736994-63-1 736995-23-6 871238-02-7
 871238-03-8 871238-04-9 882401-50-5 886583-54-6
 886583-69-3

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (use of carboxamide derivs. for disrupting the reproductive performance of arthropods)

L3 ANSWER 10 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

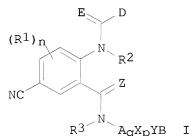
ACCESSION NUMBER: 2006:1120573 CAPLUS
 DOCUMENT NUMBER: 145:455006
 TITLE: Preparation of cyanoanthranilamides as insecticides and acaricides
 INVENTOR(S): Jeanquenat, Andre; O'Sullivan, Anthony; Muehlebach, Michel; Trah, Stephan; Hall, Roger Graham
 PATENT ASSIGNEE(S): Syngenta Participations AG, Switz.
 SOURCE: PCI Int. Appl., 100pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2006111341 A1 20061026 WO 2006-EP3504 20060418
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
AU 2006237147 A1 20061026 AU 2006-237147 20060418
CA 2605276 A1 20061026 CA 2006-2605276 20060418
EP 1871760 A1 20080102 EP 2006-724373 20060418
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR
MX 200712758 A 20080114 MX 2007-12758 20071012
IN 2007DN07936 A 20071109 IN 2007-DN7936 20071015
US 20080182750 A1 20080731 US 2007-911887 20071018
KR 2008005438 A 20080111 KR 2007-727026 20071120
CN 101184747 A 20080521 CN 2006-80018312 20071126
PRIORITY APPLN. INFO.: GB 2005-7989 A 20050420
GB 2005-25060 A 20051208
GB 2005-28060 A 20051208
WO 2006-EP3504 W 20060418

OTHER SOURCE(S): MARPAT 145:455006

GI



AB Title compds. [I; E, Z = O, S; A = (substituted) alkylene, alkenylene, alkynylene, bivalent mono- or bicyclic ring; X = O, NH, alkylimino; Y = (substituted) mono- or bicyclic ring; p, q = 0, 1; B = (substituted) 3-4 membered (heterocyclic) ring; R1 = halo, NO2, cyano, OH, alkyl, alkenyl, alkynyl, cycloalkyl, haloalkyl, (substituted) Ph, PhCH2, PhO, etc.; n = 0-3; R2, R3 = H, alkyl, alkenyl, alkynyl, substituted cycloalkyl; D = (substituted) Ph, pyridyl, pyrrolyl, pyrazolyl, pyrimidyl, were prepared. Thus, 2-[2-(3-chloropyridin-2-yl)-5-trifluoromethyl-2H-pyrazol-3-yl]-8-methyl-4-oxo-4H-benzo[d][1,3]oxazine-6-carbonitrile, bicycloprop-1-ylamine hydrochloride (preparation given), and Et3N were heated together in THF at 60° for 8 h to give 2-(3-chloropyridin-2-yl)-5-trifluoromethyl-2H-pyrazole-3-carboxylic acid [2-(bicycloprop-1-ylcarbonyl)-4-cyano-6-methylphenyl]amide. The latter at 400 ppm showed >80% activity against *Cydia pomonella*.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 1042422-55-8 1042425-11-5 1042425-51-3 1042426-12-9 1042426-58-3

1042426-81-2	1042426-95-8	1045354-09-3	1045354-10-6	1045354-11-7
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1045356-39-5	1045356-40-8			

RL: PRFH (Prophetic)

(Preparation of cyanoanthranilamides as insecticides and acaricides)

L3 ANSWER 11 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:558556 CAPLUS

DOCUMENT NUMBER: 145:62886

TITLE: Anthranilamide derivatives as insecticides, and their preparation, pesticidal compositions and formulation

INVENTOR(S): Jeanguenat, Andre; O'Sullivan, Anthony Cornelius

PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.

SOURCE: PCT Int. Appl., 136 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006061200	A1	20060615	WO 2005-EP13103	20051207
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
AU 2005313557	A1	20060615	AU 2005-313557	20051207
EP 1819695	A1	20070822	EP 2005-815427	20051207
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
CN 101098864	A	20080102	CN 2005-80046228	20051207
JP 2008523008	T	20080703	JP 2007-544809	20051207
US 20080146552	A1	20080619	US 2007-720571	20070531
IN 2007DN04178	A	20070831	IN 2007-DN4178	20070601
MX 200706898	A	20070626	MX 2007-6898	20070608
KR 2007089933	A	20070904	KR 2007-713035	20070608
PRIORITY APPLN. INFO.:			GB 2004-27008	A 20041209
			WO 2005-EP13103	W 20051207
OTHER SOURCE(S):		CASREACT 145:62886; MARPAT 145:62886		
GI				

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Compds. of formula I, and the agrochem. acceptable salts and all stereoisomers and tautomeric forms of the compds. of formula I can be used as agrochem. active ingredients and can be prepared in a manner known per se. Several examples on formulation of compds. of formula I is also disclosed in this invention. Compds. of formula I wherein E1 and W2 are independently O or S; R1 is halo, CN, NO2, OH, C1-6 (halo)alkyl, C2-6 (halo)alkenyl, C2-6 (halo)alkynyl, C3-6 (halo)cycloalkyl, C1-4 (halo)alkoxy, C1-4 (halo)alkylthio, C1-4 (halo)alkylsulfinyl, C1-4 (halo)alkylsulfonyl, C1-4 alkylamino, C2-4 dialkylamino, C3-6 cycloalkylamino, etc.; n is 0, 1, 2, 3, or 4; R2 and R3 are independently H, (un)substituted C1-6 alkyl, (un)substituted C2-6 alkenyl, (un)substituted C2-6 alkynyl, or (un)substituted C3-6 cycloalkyl; D is (un)substituted Ph, (un)substituted pyridyl, (un)substituted pyrazole, (un)substituted pyrrole, or (un)substituted pyrimidine; Y1a and Y2 are independently (un)substituted C1-6 alkylene, (un)substituted C2-6 alkenylene, or (un)substituted C3-6 alkynylene, etc.; G is a bond, O, N-Z1, S or G1-C(=G2)-G3; G1 and G3 are independently a bond, O, S, or NZ2; G2 is O, S or NZ3; Z and Z1-Z3 are independently H, C1-6 (halo)alkyl, C2-6 (halo)alkenyl, C2-6 (halo)alkynyl, C3-6 (halo)cycloalkyl, C1-4 (halo)alkoxy, C1-4 (halo)alkylthio, etc.; Y3 is H, halo or C1-6

(halo)alkyl; Y1b is a bond, or (un)substituted C1-6 alkylene, (un)substituted C2-6 alkenylene, or (un)substituted C3-6 alkynylene; and their tautomers, agrochem. utilizable salts and auxiliary are claimed. Example compound II was prepared by amidation of 6-chloro-2-[2-(3-chloropyridin-2-yl)-5-trifluoromethyl-2H-pyrazol-3-yl]-8-methylbenzo[d][1,3]oxazin-4-one with 1-amino-2-propanol; the resulting 2-(3-chloropyridin-2-yl)-5-trifluoromethyl-2H-pyrazol-3-carboxylic acid [4-chloro-2-(2-hydroxypropylcarbamoyl)-6-methylphenyl]amide underwent substitution with thioacetic acid to give thioacetic acid S-[2-(5-chloro-2-[2-(3-chloropyridin-2-yl)-5-trifluoromethyl-2H-pyrazole-3-carbonyl]amino)-3-methylbenzoylamino]-1-methylethyl ester, which underwent deacetylation and methylation to give the corresponding Me thio ether, which underwent oxidation to give the corresponding sulfoxide, which reacted with trifluoroacetamide to give the corresponding N-trifluoroacetylated sulfoximide, which underwent deacetylation to give compound II. All the invention compds. were evaluated for their insecticidal activity. Some of the tested compds. showed good activity against *Aphis craccivora*, *Diabrotica balteata*, *Heliothis virescens* (application to foliar and egg), *Myzus persicae* (foliar and systemic application), *Plutella xylostella* and *Spodoptera littoralis*.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT	891195-04-3P	891195-05-4P	891195-06-5P	891195-07-6P	891195-08-7P
	891195-09-8P	891195-10-1P	891195-11-2P	891195-12-3P	891195-13-4P
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	891195-28-1P	891195-29-2P	891195-30-5P	891195-31-6P	891195-32-7P
	891195-33-8P	891195-34-9P	891195-35-0P	891195-36-1P	891195-37-2P
	891195-38-3P				

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(agrochem. candidate; preparation of anthranilamide derivs. as insecticides)

L3 ANSWER 12 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:496102 CAPLUS

DOCUMENT NUMBER: 144:462625

TITLE: Preparation of anthranilamide derivative insecticides and acaricides

INVENTOR(S): Lahm, George Philip; Selby, Thomas Paul; Stevenson, Thomas Martin; Taggi, Andrew Edmund; Berezna, James Francis

PATENT ASSIGNEE(S): E.I. DuPont De Nemours and Co., USA

SOURCE: PCT Int. Appl., 97 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

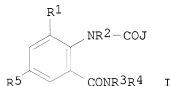
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006055922	A2	20060526	WO 2005-US42196	20051118
WO 2006055922	A3	20061221		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE,			

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GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM
AU 2005306363 A1 20060526 AU 2005-306363 20051118
CA 2585378 A1 20060526 CA 2005-2585378 20051118
EP 1812421 A2 20070801 EP 2005-851952 20051118
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL,
BA, HR, MK, YU
CN 101061103 A 20071024 CN 2005-80039548 20051118
JP 2008520724 T 20080619 JP 2007-543368 20051118
IN 2007DN03224 A 20070831 IN 2007-DN3224 20070430
KR 2007086280 A 20070827 KR 2007-713584 20070615
PRIORITY APPLN. INFO.: US 2004-629120P P 20041118
US 2005-689414P P 20050610
WO 2005-US42196 W 20051118

OTHER SOURCE(S): MARPAT 144:462625
GI



- AB The anthranilamide derivs. I and their geometric and stereoisomers, N-oxides, and salts [J = (un)substituted Ph or N-containing heterocyclyl; R1 = alkyl alkenyl, alkynyl, etc.; R2 = alkylcarbonyl, alkoxy carbonyl or (di)alkylaminocarbonyl; R3 = (cyclo)alkyl, alkenyl, alkynyl, alkoxy, etc.; R4 = (un)substituted alkylcycloalkyl, alkenylcycloalkyl, alkynylcycloalkyl, cycloalkylalkyl, cycloalkylalkenyl, cycloalkylalkynyl, cycloalkenylalkyl or alkylcycloalkenyl, oxiranylalkyl, thiranylalkyl, oxetanylalkyl, thietanylalkyl, 3-oxetanyl or 3-thietanyl; R5 = (cyclo)alkyl, haloalkyl, alkenyl alkynyl, etc.] are prepared as pesticides for controlling invertebrate pests, specifically insecticides and acaricides.
- IT 736995-23-6P 882401-50-5P 886583-28-4P
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RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation as insecticide and acaricides)
- IT 886583-65-9 886583-66-0 886583-67-1
886583-68-2
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)

(synergistic insecticide and acaricide)

L3 ANSWER 13 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:367128 CAPLUS

DOCUMENT NUMBER: 144:364548

TITLE: Preparation of anthranilamide derivative acaricides and insecticides

INVENTOR(S): O'Sullivan, Anthony Cornelius; Hughes, Dave; Jeanguenat, Andre; Muehlebach, Michel; Loiseleur, Olivier

PATENT ASSIGNEE(S): Syngenta Participations AG, Switz.; Syngenta Limited

SOURCE: PCT Int. Appl., 152 pp.

CODEN: PIXXD2

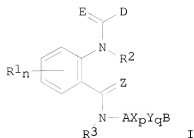
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006040113	A2	20060420	WO 2005-EP10891	20051010
WO 2006040113	A3	20060914		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
AU 2005293801	A1	20060420	AU 2005-293801	20051010
CA 2580419	A1	20060420	CA 2005-2580419	20051010
EP 1802611	A2	20070704	EP 2005-800574	20051010
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CN 101061110	A	20071024	CN 2005-80039682	20051010
JP 2008515844	T	20080515	JP 2007-535114	20051010
IN 2007DN02167	A	20070803	IN 2007-DN2167	20070320
MX 200703908	A	20070521	MX 2007-3908	20070330
KR 2007063536	A	20070619	KR 2007-708249	20070411
PRIORITY APPLN. INFO.:			GB 2004-22556	A 20041011
			WO 2005-EP10891	W 20051010
OTHER SOURCE(S):		CASREACT 144:364548; MARPAT 144:364548		
GI				



AB The anthranilamides I [E, Z = O or S; A, Y = alkylene, alkenylene, alkynylene, etc.; X = O, NH or alkyl-substituted NH; B = (un)substituted ring; D = (un)substituted Ph, pyridyl, pyrazolyl, etc.; R1 = amino, formyl, cyanoalkenyl, etc.; R2, R3 = H, (un)substituted alkyl, alkenyl, cycloalkyl, etc.; n = 0, 1-4; p, q = 0 or 1] and I salts, stereoisomers and tautomers are prepared as acaricides and insecticides.

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 882402-08-6P 882402-09-7P 882402-10-0P

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation as acaricide and insecticide)

L3 ANSWER 14 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:902883 CAPLUS

DOCUMENT NUMBER: 143:229846

TITLE: Preparation of anthranilamides as pesticides

INVENTOR(S): Koyanagi, Toru; Morita, Masayuki; Nakamoto, Kenichi;
 Hisamatsu, Akihiro

PATENT ASSIGNEE(S): Ishihara Sangyo Kaisha, Ltd., Japan

SOURCE: PCT Int. Appl., 52 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

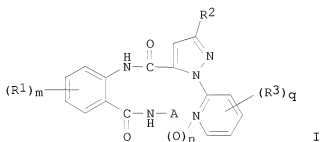
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2005077934 A1 20050825 WO 2005-JP2351 20050216
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
JP 2006131607 A 20060525 JP 2005-33829 20050210
JP 2006131608 A 20060525 JP 2005-33830 20050210
AU 2005212068 A1 20050825 AU 2005-212068 20050216
CA 2553715 A1 20050825 CA 2005-2553715 20050216
EP 1717237 A1 20061102 EP 2005-710251 20050216
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, BA, HR, IS, YU
CN 1918144 A 20070221 CN 2005-80004523 20050216
BR 2005007762 A 20070710 BR 2005-7762 20050216
IN 2006KN01945 A 20070518 IN 2006-KN1945 20060711
MX 2006PA09360 A 20061009 MX 2006-PA9360 20060817
US 20070129407 A1 20070607 US 2006-589782 20060817
JP 2004-41295 A 20040218
JP 2004-133722 A 20040428
JP 2004-261507 A 20040908
JP 2004-295778 A 20041008
WO 2005-JP2351 W 20050216

PRIORITY APPLN. INFO.:

OTHER SOURCE(S): MARPAT 143:229846

GI



AB The title anthranilamides, i.e. N-(2-aminocarbonylphenyl)-1-(2-pyridyl)-1-H-pyrazole-5-carboxamide derivs. represented by the general formula (I) or salts thereof [wherein R1 = halogeno, alkyl, haloalkyl, alkenyl, haloalkenyl, alkynyl, haloalkynyl, alkoxy, haloalkoxy, alkylcarbonyl, haloalkylcarbonyl, alkoxy carbonyl, haloalkoxy carbonyl, (un)substituted phenoxy carbonyl, NO2, CHO; R2, R3 = halogeno, alkyl, haloalkyl, alkoxy, haloalkoxy, cyano; A = Y-substituted alkyl (Y = C3-4 cycloalkyl optionally substituted by ≥1 groups selected from halogeno, alkyl, and haloalkyl); n = 0,1; q = 0-4; provided that R1 is F, Cl, Br, or Me substituted at 2-position of the benzene ring and another R1 is halogeno substituted at 4-position of the benzene ring, the 4-halogeno group is F or Cl] are prepared. They are useful as pesticides, in particular insecticides, acaricides, nematocides, and parasiticides. Thus, 1.49 g

Et3N was slowly added dropwise to a solution of 0.8 g cyclopropylmethylamine hydrochloride in 40 mL THF, stirred at room temperature for 30 min, slowly treated dropwise with a solution of 1 g 2-[1-(3-chloro-2-pyridyl)-3-(trifluoromethyl)-1H-pyrazol-5-yl]-8-methyl-4H-3,1-benzoxazin-4-one in 10 mL THF, and refluxed for 4 h to give, after workup and silica gel chromatog., 0.54 g N-[6-[(cyclopropylmethylamino)carbonyl]-2-methylphenyl]-1-(3-chloro-2-pyridyl)-3-(trifluoromethyl)-1H-pyrazole-5-carboxamide (II). II at 3.1 ppm controlled 2-nd to 3-rd instar larvae of *Spodoptera litura* on cabbage leaves.

REFERENCE COUNT: 62 THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 862995-50-4P 862995-51-5P 862995-52-6P
862995-53-7P 862995-54-8P 862995-55-9P
862995-56-0P 862995-57-1P 862995-58-2P
862995-59-3P 862995-60-6P 862995-61-7P
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RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of anthranilamides as pesticides such as insecticides, acaricides, nematocides, and parasiticides)

L3 ANSWER 15 OF 15 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:648522 CAPLUS

DOCUMENT NUMBER: 141:190786

TITLE: Preparation of cyano anthranilamide insecticides
INVENTOR(S): Hughes, Kenneth Andrew; Lahm, George Philip; Selby, Thomas Paul; Stevenson, Thomas Martin

PATENT ASSIGNEE(S): E.I. Du Pont De Nemours and Company, USA

SOURCE: PCT Int. Appl., 63 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

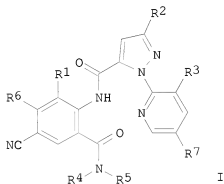
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004067528	A1	20040812	WO 2004-US3568	20040121
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AU 2004207848	A1	20040812	AU 2004-207848	20040121
CA 2512242	A1	20040812	CA 2004-2512242	20040121
EP 1599463	A1	20051130	EP 2004-704148	20040121
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
MD 2005000219	A	20051130	MD 2005-219	20040121
BR 2004006709	A	20051220	BR 2004-6709	20040121
JP 3764895	B1	20060412	JP 2005-518229	20040121
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CN 1829707	A	20060906	CN 2004-80002991	20040121
ZA 2005005310	A	20060927	ZA 2005-5310	20040121
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EG 23536	A	20060419	EG 2004-49	20040127
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JP 3770500	B2	20060426		
JP 2006290862	A	20061026	JP 2005-148201	20050520
US 20060111403	A1	20060525	US 2005-540966	20050629
US 7247647	B2	20070724		
MX 2005PA07924	A	20050930	MX 2005-PA7924	20050726
KR 2007036196	A	20070402	KR 2007-706234	20070319
US 20070264299	A1	20071115	US 2007-811105	20070608
PRIORITY APPLN. INFO.:			US 2003-443256P	P 20030128
			JP 2005-518229	A3 20040121
			WO 2004-US3568	W 20040121
			KR 2005-700059	A3 20050103
			US 2005-540966	A3 20050629

OTHER SOURCE(S): MARPAT 141:190786
GI



AB The title compds. [I; R1 = Me, Cl, Br, F; R2 = F, Cl, Br, haloalkyl or haloalkoxy; R3 = F, Cl, Br; R4 = H, alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, each optionally substituted with one substituent selected from the group consisting of halo, CN, SMe S(O)Me, S(O)2Me and OMe; R5 = H, Me; R6 = H, F, Cl; R7 = H, F, Cl], useful for controlling an invertebrate pest, were prepared E.g., a multi-step synthesis of compound I [R1 = Me; R2 = CF3; R3 = Cl; R4, R5 = H], was given. The compds. I were tested in various biol. tests (data given). This invention also pertains to a composition for controlling an invertebrate pest comprising a biol. effective amount of a compound I, an N-oxide thereof or a suitable salt of the compound I and at least one addnl. component selected from the group consisting of a surfactant, a solid diluent and a liquid diluent.

IT

500011-03-OP	736994-59-5P	736994-60-8P	736994-61-9P	736994-62-0P
736994-63-1P	736994-64-2P	736994-65-3P	736994-66-4P	736994-67-5P
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RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN
 (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES
 (Uses)
 (preparation of cyano anthranilamide insecticides)

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